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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/937,371	09/24/2001	Elena Grigore	449122010300	7865

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EXAMINER

HAN, CLEMENCE S

ART UNIT PAPER NUMBER

2665

DATE MAILED: 02/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. <b>09/937,371</b>	Applicant(s) GRIGORE ET AL.	
	Examiner Clemence Han	Art Unit 2665	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>24 September 2001</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Drawings***

1. The subject matter of this application admits of illustration by a drawing to facilitate understanding of the invention. Applicant is required to furnish a drawing under 37 CFR 1.81(c). No new matter may be introduced in the required drawing. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d).

### ***Specification***

2. The abstract of the disclosure is objected to because there is irrelevant term "Figure 2" at the bottom of the abstract. Correction is required. See MPEP § 608.01(b).

### ***Claim Objections***

3. Claim 5-9 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claim. See MPEP § 608.01(n). Accordingly, the claims have not been further treated on the merits.

4. Claim 7 is objected to because of the following informalities: There is a typographical error in page 10 line 17, "the association". Appropriate correction is required.

5. Claim 1 and 5 are objected to because of the following informalities: There is a typographical error in page 9 line 14 and page 10 line 4, "HCC". The specification teaches memory device HECC. Appropriate correction is required.

***Claim Rejections - 35 USC § 112***

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claim 3 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

8. Claim 3 recites the limitation "the result" in the last line of the claim. There is insufficient antecedent basis for this limitation in the claim.

9. Claim 3 recites the limitation "to correct it" in the second line from the end of the claim. It is indefinite what is being corrected.

***Claim Rejections - 35 USC § 102***

10. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

11. Claim 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Kim et al. (US 5,446,738).

Regarding to claim 1, Kim teaches a circuit arrangement for processing a packet header, having a transmission device which supplies packets in a plurality of channels to a further transmission device, and having at least one processing circuit which is respectively arranged in one of the transmission devices and which processes the packet header of each packet in accordance with a check information item, characterized in that at least one memory device (a3 in Figure 3A) is provided which stores information relating to the packet header in the order of arrival of the packets routed via the plurality of channels (Column 6 Line 51-56), and in that the processing circuit (d-g in Figure 2) receives this information, processes it (Column 9 Line 11-24) and forwards the packets in accordance with the processing result (Column 10 Line 12-16).

Regarding to claim 2, Kim teaches a generation function (f5 in Figure 8) which is used to ascertain the check information item ascertained using the packet header and to store it in the packet header (Column 10 Line 7-11).

Regarding to claim 3, Kim teaches processing circuit has an evaluation and correction function which is used to logically combine the packet header with the concomitantly transmitted check information item and to correct it, if appropriate, in accordance with the result (Column 10 Line 7-11).

Regarding to claim 4, Kim teaches information relating to the packet header is an address information item, the check information item and a channel-specific information item (Column 9 Line 21-23 and Column 10 Line 7).

Regarding to claim 5, Kim teaches least one memory device is in the form of an FIFO memory device (a3 in Figure 3A).

Regarding to claim 6, Kim teaches a separating device (a1 in Figure 3A) is provided which separates the packets into packet header (a3 in Figure 3A) and information part (a2 in Figure 3A).

Regarding to claim 7, Kim teaches a control device (f6 in Figure 8) routes information about the association of a packet header with the corresponding information part (Column 10 Line 20-24).

Regarding to claim 8, Kim teaches a cell memory (a2 in Figure 3A) for holding the separate information part of the packets is provided in which memory space for holding the processed packet header is additionally reserved (Column 10 Line 2-5).

Regarding to claim 9, Kim teaches the packets are in the form of ATM cells (Column 5 Line 43).

***Conclusion***

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following patents are cited to further show the state of the art with respect to the invention in general.

U.S. Patent 6157642 to Sturza et al.

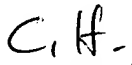
U.S. Patent 6449277 to Kim


Japan Patent 10132985 to Sato

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clemence Han whose telephone number is (571) 272-3158. The examiner can normally be reached on Monday-Thursday 7 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Clemence Han  
Examiner  
Art Unit 2665

  
STEVEN NGUYEN  
PRIMARY EXAMINER